

PATENT

Serial No. 10/056,362

Amendment in Reply to Final Office Action of February 19, 2004

IN THE CLAIMS

Please amend claims 8-9 and 12-13 as follows:

- 1           1. (Previously Presented) A system comprising:
- 2                 a display information-generating device for generating
- 3 display information,
- 4                 a display apparatus having a display screen for
- 5 displaying the display information,
- 6                 detection means for detecting whether at least one of the
- 7 following criteria is fulfilled in a part of the display
- 8 information corresponding to an area on the display screen:
- 9                 (i)           an application is one of a group of applications
- 10 indicating that non-synthetic information is displayed, in which
- 11 the application is not a picture viewer, or
- 12                 (ii)          an extension of a file is one of a group of
- 13 extensions indicating that non-synthetic information is displayed,
- 14 or
- 15                 (iii)         moving information is displayed, and

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16 enhancement means for enhancing the part of the display  
17 information if at least one of the criteria (i), (ii), (iii) is  
18 true.

1 2.(Previously Presented) The system as claimed in claim 1,  
2 wherein the display information-generating device comprises a  
3 computer, the detection means being part of the computer and  
4 comprising a suitably programmed microprocessor for detecting  
5 whether an application is started on the computer, and for  
6 determining whether the application started is one of the group of  
7 applications, and/or whether the extension of the file associated  
8 with the application is one of the group of extensions, and/or  
9 whether moving information is displayed.

1 3.(Previously Presented) The system as claimed in claim 2,  
2 wherein the part of the display information is an active window,  
3 and the detection means are suitably programmed to detect whether a  
4 window is opened to determine the application associated with the  
5 opened window and/or the file extension of the file being displayed  
6 in the window from information linked to the window.

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1           4. (Previously Presented) The system as claimed in claim 1,  
2 wherein the detection means comprise:

3           a memory for storing the part or a portion of the part of  
4 the display information as first data at a first instant, and  
5           means for comparing the first data with second data  
6 corresponding to the part or a portion of the part of the display  
7 information at a second, later, instant, to indicate whether a  
8 difference between the stored display information and the  
9 corresponding display information at the second instant exceeds a  
10 limit value.

1           5. (Previously Presented) The system as claimed in claim 1,  
2 wherein the detection means comprises:

3           a memory for storing the part or a portion of the part of  
4 the display information as first data at a first instant,

5           a comparator for comparing the first data with second  
6 data corresponding to the part or a portion of the part of the  
7 display information at a second, later, instant, to obtain  
8 difference values,

9           means for determining absolute values of the difference  
10 values,

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11           summing means for summing the absolute values of the  
12 difference values of corresponding data words of the first and the  
13 second data to obtain a sum , and  
14           a further comparator for comparing the sum with a limit  
15 value.

1           6. (Previously Presented) The system as claimed in claim 4,  
2 wherein the memory is the video memory of the video adapter of a  
3 computer.

1           7. (Previously Presented) The system as claimed in claim 4,  
2 wherein the detection means comprise a suitably programmed  
3 microprocessor.

1           8. (Currently amended) The system as claimed in claim 1,  
2 wherein the information-generating device comprises means for  
3 supplying coordinates defining the area to the display apparatus,  
4 the display apparatus ~~(MON)~~ comprises the detection means which  
5 comprise:

6           an integrator for determining an intensity value of a  
7 line or a sum of lines in the area,

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8           a sample-and-hold means for storing the determined  
9   intensity value at a first instant, and  
10           a comparator for comparing the stored intensity value  
11   with a further intensity value of a line or a sum of lines in the  
12   area at a later instant to supply ~~the~~a control signal, indicating  
13   whether a difference between the stored intensity value and the  
14   further intensity value exceeds a limit value.

1           9. (Currently amended) The system as claimed in claim 1,  
2   wherein the detection means are adapted to supply ~~the~~a control  
3   signal to automatically activate the enhancing by the enhancement  
4   means if the detection means detects in the part of the display  
5   information that at least one of the criteria (i), (ii), (iii) is  
6   true.

1           10. (Previously Presented) The system as claimed in claim 9,  
2   wherein the system further comprises input means for receiving user  
3   input to supply user information indicating whether the part of the  
4   display information should be enhanced or not, and a control means  
5   receiving the control signal from the detection means and the user  
6   information to supply an adapted control signal to activate or

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7 deactivate the enhancing in correspondence with the user input,  
8 independent of the automatic detection by the detection means.

1 11. (Previously Presented) A method of displaying display  
2 information on a display screen, the method comprising:  
3 detecting whether at least one of the following criteria  
4 is fulfilled in a part of the display information corresponding to  
5 an area on the display screen:

6 (i) an application is one of a group of applications  
7 indicating that non-synthetic information is displayed, in which  
8 the application is not a picture viewer, or

9 (ii) an extension of a file is one of a group of  
10 extensions indicating that non-synthetic information is displayed,  
11 or

12 (iii) moving information is displayed, and  
13 enhancing the part of the display information if at least  
14 one of the criteria (i), (ii), (iii) is true.

1 12. (Currently amended) A computer supplying display  
2 information for use in a display apparatus with a display screen,  
3 the computer comprising:

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4 detection means for detecting whether at least one of the  
5 following criteria is fulfilled in a part of the display  
6 information corresponding to an area on the display screen:

7 (i) an application is one of a group of applications  
8 indicating that non-synthetic information is displayed, in which  
9 the application is not a picture viewer, or

10 (ii) an extension of a file is one of a group of  
11 extensions indicating that non-synthetic information is displayed,  
12 or

13 (iii) moving information is displayed  
14 and

15 means for only providing coordinates for use in the  
16 display apparatus ~~(MON)~~—if at least one of the above criteria (i)  
17 to (iii) is true, the coordinates defining the area.

1 13. (Currently amended) A display apparatus for displaying  
2 display information on a display screen, the display apparatus  
3 comprising detection means for deciding whether a part of the  
4 display information corresponding to an area on the display screen  
5 has to be enhanced based on a difference value, the detection means  
6 comprising:

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7           an integrator for determining an intensity value of a  
8   line or a sum of lines in the area,  
9           sample-and-hold means for storing the determined  
10   intensity value at a first instant, and  
11           a comparator for comparing the stored intensity value  
12   with a further intensity value of a line or a sum of lines in the  
13   area at a later instant to supply ~~the~~a control signal, indicating  
14   whether ~~a~~the difference value between the stored intensity value  
15   and the further intensity value exceeds a limit value.

1           14. (Previously Presented) A display apparatus as claimed in  
2   claim 13, wherein the display apparatus comprises means for  
3   receiving information defining the position of the area.